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OM protein - protein search, using sw model

Run on: January 27, 2006, 14:41:39 ; Search time 22.3651 Seconds
(without alignments)
1403.470 Million cell updates/sec

Title: US-09-868-123-4

Perfect score: 2104

Sequence: 1 MAFVCLAIICGLTYFLISTTF.....LLLRKPNTPKRIPEPFCDT 380

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-Processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents AA:*
1: /cgn2_6/prodata/1/iaa/5 COMB.pep:*
2: /cgn2_6/prodata/1/iaa/6 COMB.pep:*
3: /cgn2_6/prodata/1/iaa/H COMB.pep:*
4: /cgn2_6/prodata/1/iaa/BCTUS COMB.pep:*
5: /cgn2_6/prodata/1/iaa/RB COMB.pep:*
6: /cgn2_6/prodata/1/iaa/backfilist.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2104	100.0	380	1	US-08-609-572-4
2	2104	100.0	380	2	US-08-841-751-4
3	2104	100.0	380	2	US-08-846-340-4
4	2104	100.0	380	2	US-08-846-344-4
5	2104	100.0	380	2	US-09-301-808-4
6	1764	83.8	317	2	US-09-825-561A-84
7	1503	71.4	386	2	US-09-828-995B-61
8	1452.5	69.0	365	2	US-09-828-995B-66
9	1392.5	66.2	318	2	US-09-828-995B-72
10	1392.5	66.2	561	2	US-09-828-995B-81
11	1392.5	66.2	561	2	US-09-828-995B-78
12	1392.5	66.2	565	2	US-09-828-995B-75
13	1392.5	66.2	383	1	US-08-609-572-2
14	1194.5	56.8	383	1	US-08-841-751-2
15	1194.5	56.8	383	2	US-08-846-340-2
16	1194.5	56.8	383	2	US-08-846-344-2
17	1194.5	56.8	333	2	US-09-301-808-2
18	1194.5	56.8	333	2	US-09-301-808-2
19	955	45.4	220	2	US-09-949-016-7266
20	935.5	44.5	255	2	US-09-828-995B-58
21	626.5	29.8	145	2	US-09-828-995B-55
22	311.5	14.8	420	1	US-07-757-390-13
23	311.5	14.8	420	1	US-08-442-282-13
24	311.5	14.8	420	1	US-08-442-281-13
25	310.5	14.8	420	1	US-08-939-727-13
26	310.5	14.8	396	1	US-07-757-390-14
27	310.5	14.8	396	1	US-08-442-282-14

28	310.5	14.8	396	1	US-08-442-281-14	Sequence 14, Appl
29	310.5	14.8	396	1	US-08-939-727-14	Sequence 14, Appl
30	310.5	14.8	420	2	US-09-866-319A-24	Sequence 24, Appl
31	310.5	14.8	420	2	US-09-949-016-5958	Sequence 5958, Ap
32	310.5	14.8	427	2	US-09-949-016-8614	Sequence 8614, Ap
33	310.5	14.8	427	2	US-09-949-016-8620	Sequence 8620, Ap
34	302.5	14.4	405	2	US-09-828-995B-50	Sequence 50, Appl
35	298	14.2	424	2	US-09-688-266D-2	Sequence 2, Appl
36	295.5	14.0	427	2	US-08-969-125-9	Sequence 9, Appl
37	295.5	14.0	427	2	US-09-545-002-9	Sequence 9, Appl
38	295.5	14.0	426	2	US-09-949-016-6094	Sequence 6094, Ap
39	294.5	14.0	426	2	US-09-688-266D-4	Sequence 4, Appl
40	293	13.9	313	2	US-08-836-561-106	Sequence 106, App
41	293	13.9	313	2	US-09-434-122-106	Sequence 2, Appl
42	292	13.9	335	1	US-07-947-130-2	Sequence 2, Appl
43	292	13.9	335	1	US-08-421-822-2	Sequence 2, Appl
44	292	13.9	335	1	US-08-421-823-2	Sequence 2, Appl
45	285	13.5	793	2	US-09-313-942-32	Sequence 32, Appl

ALIGNMENTS

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RESULT 1
US-08-609-572-4
; Sequence 4, Application US/08609572
; Patent No. 5710023
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Filz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whiteers, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,572
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: GI5268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-609-572-4
Query Match 100.0%; Score 2104; DB 1; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.5e-207;
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFVCLAIICGLTYFLISTTFGCTSSSDPTEIKVNPQDFEIVDPGYLGLQMPPLSD 60
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Db      1  MAFVCLAGCLYTLISTTGGCTSSDTEIKVNPDPDFEIVDPGLYLYIQWQPPSLD 60
Qy      61  HFKECTVEYELKYNIGSETWKTIIITKQLHYKDGFDLNGKIEAKIHTLLPMQCTNGSEVQ 120
Db      61  HFKECTVEYELKYNIGSETWKTIIITKQLHYKDGFDLNGKIEAKIHTLLPMQCTNGSEVQ 120
Qy      121  SSMAETTWISPOGIPETKVQDMDCVYNNMOYLCSMKRPGIGVLLDTNYNLFYWEGLDH 180
Db      121  SSMAETTWISPOGIPETKVQDMDCVYNNMOYLCSMKRPGIGVLLDTNYNLFYWEGLDH 180
Qy      181  ALQCDVYIKADGQNGCRFPYLEASDYKDFYICVNGSSENKPIRSSYFTFOLQNIKPLP 240
Db      181  ALQCDVYIKADGQNGCRFPYLEASDYKDFYICVNGSSENKPIRSSYFTFOLQNIKPLP 240
Qy      241  PVIYLTFTRESSCEIKLKMISIPGPIPARCFDYEIEIRDDTTLVATVENEETYLTKTNE 300
Db      241  PVIYLTFTRESSCEIKLKMISIPGPIPARCFDYEIEIRDDTTLVATVENEETYLTKTNE 300
Qy      301  TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCEGEBLSKKTLLRFWLPGFILLIIVIPVTG 360
Db      301  TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCEGEBLSKKTLLRFWLPGFILLIIVIPVTG 360
Qy      361  LLRKPNTPPKMIPEFFCDT 380
Db      361  LLRKPNTPPKMIPEFFCDT 380

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RESULT 2

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US-08-841-751-4
; Sequence 4, Application US/08841751
; Patent No. 6214559
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Filiz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whitters, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESS: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/841,751
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/609,572
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-841-751-4

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Query Match      100.0%; Score 2104; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 1,5e-207; Indels 0; Gaps 0;
Matches 380; Conservative 0; Mismatches 0;

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Qy      1  MAFVCLAGCLYTLISTTGGCTSSDTEIKVNPDPDFEIVDPGLYLYIQWQPPSLD 60
Db      1  MAFVCLAGCLYTLISTTGGCTSSDTEIKVNPDPDFEIVDPGLYLYIQWQPPSLD 60
Qy      61  HFKECTVEYELKYNIGSETWKTIIITKQLHYKDGFDLNGKIEAKIHTLLPMQCTNGSEVQ 120
Db      61  HFKECTVEYELKYNIGSETWKTIIITKQLHYKDGFDLNGKIEAKIHTLLPMQCTNGSEVQ 120
Qy      121  SSMAETTWISPOGIPETKVQDMDCVYNNMOYLCSMKRPGIGVLLDTNYNLFYWEGLDH 180
Db      121  SSMAETTWISPOGIPETKVQDMDCVYNNMOYLCSMKRPGIGVLLDTNYNLFYWEGLDH 180
Qy      181  ALQCDVYIKADGQNGCRFPYLEASDYKDFYICVNGSSENKPIRSSYFTFOLQNIKPLP 240
Db      181  ALQCDVYIKADGQNGCRFPYLEASDYKDFYICVNGSSENKPIRSSYFTFOLQNIKPLP 240
Qy      241  PVIYLTFTRESSCEIKLKMISIPGPIPARCFDYEIEIRDDTTLVATVENEETYLTKTNE 300
Db      241  PVIYLTFTRESSCEIKLKMISIPGPIPARCFDYEIEIRDDTTLVATVENEETYLTKTNE 300
Qy      301  TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCEGEBLSKKTLLRFWLPGFILLIIVIPVTG 360
Db      301  TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCEGEBLSKKTLLRFWLPGFILLIIVIPVTG 360
Qy      361  LLRKPNTPPKMIPEFFCDT 380
Db      361  LLRKPNTPPKMIPEFFCDT 380

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RESULT 3

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US-08-846-340-4
; Sequence 4, Application US/08846340
; Patent No. 6248714
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Filiz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whitters, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESS: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/846,340
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/609,572
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851

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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 380 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-846-340-4

Query Match 100.0%; Score 2104; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.5e-207;
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFVCLATIGCLYTPILSTFGCTSSSDTEIKVNPDPDEFIVDPGYLYLQWOPPLSLD 60
DB 1 MAFVCLATIGCLYTPILSTFGCTSSSDTEIKVNPDPDEFIVDPGYLYLQWOPPLSLD 60
QY 61 HREKCTVEYELKRYNIGSETWTKIITKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVQ 120
DB 61 HREKCTVEYELKRYNIGSETWTKIITKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVQ 120
QY 121 SSWAETTYWISPGIPEKRVQMDCVYYNMQYLLCSMKPGIGVLLDTNNTLFWYEGDLH 180
DB 121 SSWAETTYWISPGIPEKRVQMDCVYYNMQYLLCSMKPGIGVLLDTNNTLFWYEGDLH 180
QY 181 ALQCVDTYIADQONIGCRPPYLEASDYKDFYICVNGSSSENKPIRSSYFTPOLQNTYKPLP 240
DB 181 ALQCVDTYIADQONIGCRPPYLEASDYKDFYICVNGSSSENKPIRSSYFTPOLQNTYKPLP 240
QY 241 PVLITFRSSCEIKLWMSIPLGPIPARCFDYEIEIRREDDTLVATVENEYTLTKTNE 300
DB 241 PVLITFRSSCEIKLWMSIPLGPIPARCFDYEIEIRREDDTLVATVENEYTLTKTNE 300
QY 301 TRQLCFVRSKVNICYSDGIMSEWSDKQWEGEDLSKKTLLRFWLPFGFILILVIFVTG 360
DB 301 TRQLCFVRSKVNICYSDGIMSEWSDKQWEGEDLSKKTLLRFWLPFGFILILVIFVTG 360
QY 361 LLIRKNTYTPKMIPEFFCDT 380
DB 361 LLIRKNTYTPKMIPEFFCDT 380

RESULT 4
US-08-846-344-4
Sequence 4, Application US/08846344
Patent No. 6268480
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Fitz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/846,344
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/609,572
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 380 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-846-344-4

Query Match 100.0%; Score 2104; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.5e-207;
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFVCLATIGCLYTPILSTFGCTSSSDTEIKVNPDPDEFIVDPGYLYLQWOPPLSLD 60
DB 1 MAFVCLATIGCLYTPILSTFGCTSSSDTEIKVNPDPDEFIVDPGYLYLQWOPPLSLD 60
QY 61 HREKCTVEYELKRYNIGSETWTKIITKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVQ 120
DB 61 HREKCTVEYELKRYNIGSETWTKIITKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVQ 120
QY 121 SSWAETTYWISPGIPEKRVQMDCVYYNMQYLLCSMKPGIGVLLDTNNTLFWYEGDLH 180
DB 121 SSWAETTYWISPGIPEKRVQMDCVYYNMQYLLCSMKPGIGVLLDTNNTLFWYEGDLH 180
QY 181 ALQCVDTYIADQONIGCRPPYLEASDYKDFYICVNGSSSENKPIRSSYFTPOLQNTYKPLP 240
DB 181 ALQCVDTYIADQONIGCRPPYLEASDYKDFYICVNGSSSENKPIRSSYFTPOLQNTYKPLP 240
QY 241 PVLITFRSSCEIKLWMSIPLGPIPARCFDYEIEIRREDDTLVATVENEYTLTKTNE 300
DB 241 PVLITFRSSCEIKLWMSIPLGPIPARCFDYEIEIRREDDTLVATVENEYTLTKTNE 300
QY 301 TRQLCFVRSKVNICYSDGIMSEWSDKQWEGEDLSKKTLLRFWLPFGFILILVIFVTG 360
DB 301 TRQLCFVRSKVNICYSDGIMSEWSDKQWEGEDLSKKTLLRFWLPFGFILILVIFVTG 360
QY 361 LLIRKNTYTPKMIPEFFCDT 380
DB 361 LLIRKNTYTPKMIPEFFCDT 380

RESULT 5
US-09-301-808-4
Sequence 4, Application US/09301808
Patent No. 6664227
GENERAL INFORMATION:
APPLICANT: Wynn, Thomas
APPLICANT: Chataamonte, Monica
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Fitz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: TREATMENT OF FIBROSIS BY ANTAGONISM OF IL-13
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/301.808
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 876-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-301-808-4

Query Match          100.0%; Score 2104; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.5e-207;
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFVLAIGCLYTLFTSTFGCTSSDTEIKNPPQDEIYDPGYLGYLYLQWOPPLSLD 60
DB 1 MAFVLAIGCLYTLFTSTFGCTSSDTEIKNPPQDEIYDPGYLGYLYLQWOPPLSLD 60
QY 61 HPKECTVEYELKRYNIGSETWTKITITKNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVQ 120
DB 61 HPKECTVEYELKRYNIGSETWTKITITKNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVQ 120
QY 121 SSWAETTYWISPOGIPETKVQDMDCVYVNMQYLLCSWKGIGVLLDTNNYLFYWYEGLDH 180
DB 121 SSWAETTYWISPOGIPETKVQDMDCVYVNMQYLLCSWKGIGVLLDTNNYLFYWYEGLDH 180
QY 181 ALQCTDYIKADGQNIICGRPFYIEASDYKDFYICVNGSSSNKPIRSSYFTFQLONIYKPLP 240
DB 181 ALQCTDYIKADGQNIICGRPFYIEASDYKDFYICVNGSSSNKPIRSSYFTFQLONIYKPLP 240
QY 241 PVLFTFTRESSCEIKLMSIPLGPIPARCFDYEIREDDTLVTATVENETYLKTITNE 300
DB 241 PVLFTFTRESSCEIKLMSIPLGPIPARCFDYEIREDDTLVTATVENETYLKTITNE 300
QY 301 TROLCFVVRSKVNIYCSDDGINSWSDKQCEGEGDLSKKTLLRFMLPFGFILLIVIPVTG 360
DB 301 TROLCFVVRSKVNIYCSDDGINSWSDKQCEGEGDLSKKTLLRFMLPFGFILLIVIPVTG 360
QY 361 LLLRKPNYPKMIPERFCT 380
DB 361 LLLRKPNYPKMIPERFCT 380

RESULT 6
US-09-825-561A-84
; Sequence 84, Application US/09825561A
; Patent No. 6777539
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: No. 6777539ak, Julia E.
; APPLICANT: West, James W.
; APPLICANT: Preenell, Scott R.
; APPLICANT: Holly, Richard D.
; APPLICANT: Nelson, Andrew J.
; TITLE OF INVENTION: SOLUBLE ZALPHAL1 CYTOKINE RECEPTORS
; FILE REFERENCE: 00-22
; CURRENT APPLICATION NUMBER: US/09/825,561A
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/194,731
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/222,121
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; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 84
; LENGTH: 317
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-825-561A-84

Query Match          83.8%; Score 1764; DB 2; Length 317;
Best Local Similarity 100.0%; Pred. No. 1e-172;
Matches 317; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 27 DTEIKNPPQDEIYDPGYLGYLYLQWOPPLSLDHFKECTVEYELKRYNIGSETWTKITIT 86
DB 1 DTEIKNPPQDEIYDPGYLGYLYLQWOPPLSLDHFKECTVEYELKRYNIGSETWTKITIT 86
QY 87 KNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVSSWAETTYWISPOGIPETKVQDMDCV 146
DB 61 KNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVSSWAETTYWISPOGIPETKVQDMDCV 120
QY 147 YVNMQYLLCSWKGIGVLLDTNNYLFYWYEGLDHALQCVDIKADGQNIICGRPFYIEASD 206
DB 121 YVNMQYLLCSWKGIGVLLDTNNYLFYWYEGLDHALQCVDIKADGQNIICGRPFYIEASD 180
QY 207 YKDFYICVNGSSSNKPIRSSYFTFQLONIYKPLPVLFTFTRESSCEIKLMSIPLGPIP 266
DB 181 YKDFYICVNGSSSNKPIRSSYFTFQLONIYKPLPVLFTFTRESSCEIKLMSIPLGPIP 240
QY 267 ARCFDYEIREDDTLVTATVENETYLKTITNETROLCFVVRSKVNIYCSDDGINSWSD 326
DB 241 ARCFDYEIREDDTLVTATVENETYLKTITNETROLCFVVRSKVNIYCSDDGINSWSD 300
QY 327 DKQCEGEGDLSKKTLLR 343
DB 301 DKQCEGEGDLSKKTLLR 317

RESULT 7
US-09-828-995B-61
; Sequence 61, Application US/09828995B
; Patent No. 6703360
; GENERAL INFORMATION:
; APPLICANT: Heska Corporation
; APPLICANT: McCall, Catherine A.
; APPLICANT: Tang, Liang A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
; FILE REFERENCE: AL-7
; CURRENT APPLICATION NUMBER: US/09/828,995B
; CURRENT FILING DATE: 2001-04-09
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,874
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,659
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61
; LENGTH: 386
; TYPE: PRT
; ORGANISM: Canis familiaris
; US-09-828-995B-61

Query Match          71.4%; Score 1503; DB 2; Length 386;
Best Local Similarity 72.9%; Pred. No. 9.5e-146;
Matches 272; Conservative 42; Mismatches 57; Indels 2; Gaps 2;

QY 1 MAFVLAIGCLYTLFTSTFGCTSSDTEIKNPPQDEIYDPGYLGYLYLQWOPPLSLD 60
DB 1 MAFVLAIGCLYTLFTSTFGCTSSDTEIKNPPQDEIYDPGYLGYLYLQWOPPLSLD 59
QY 61 HPKECTVEYELKRYNIGSETWTKITITKNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVQ 120
DB 60 HPKECTVEYELKRYNIGSETWTKITITKNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVQ 119
```

Qy	121	SSMAETTYWISPOGIPETVOPDMDCYYNMQVILCGMKRGIQVLLDTNNYLFWYEGLDH	180
Db	120	SSMAETTYWTSQGNKRETIQDMDCYYNMQVILCVCKMKRGMGHPTNQLFWYEGLDH	179
Qy	181	ALQCVADYIKADGONIGRPFPLYLEASDYKDPYIICVNGSSENKPIRSSYFTFOLNIYKPLP	240
Db	180	SAECTDYIKVKNCKNMGCRRPYLESSDYKDPYIICVNGSSSEQPIRSPYFTFOLNIYKPMR	239
Qy	241	PVYLTFRESSGEILKWKISPIGPIPARCPDVEIETREDPTTLVTAIVENETTLKTINE	300
Db	240	PDYLSLTVKNSEINLKMMKPKPIPAKCFIYIEFTEDGTTVTTTVEIEIQITRTSNE	299
Qy	301	TRQCFVVRKSNVIYCSDDGIMSEWSDKOCWEGEDISKKTLLRFWMLPFGFILLVLIVPVTG	360
Db	300	SOQLTFVLVRKSNVIYCSDDGIMSEWSEDOCMWK-DIMKETLVEFLLIPFAVSIFVLVITC	358
Qy	361	ILLRKENTYPRKMI	373
Db	359	ILLYKORALLKTI	371

```

      RESULT 8
      US-09-828-995B-66
      ; Sequence 66, Application US/09828995B
      ; Patent No. 6703360
      ; GENERAL INFORMATION:
      ; APPLICANT: Heska Corporation
      ; APPLICANT: McCall, Catherine A.
      ; APPLICANT: Tang, Liang A.
      ; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGF AND CANINE IL-13 F
      ; FILE REFERENCE: AL-7
      ; CURRENT APPLICATION NUMBER: US/09/828,995B
      ; CURRENT FILING DATE: 2001-04-09
      ; PRIOR APPLICATION NUMBER: 60/195,874
      ; PRIOR FILING DATE: 2000-04-07
      ; PRIOR APPLICATION NUMBER: 60/195,659
      ; PRIOR FILING DATE: 2000-04-07
      ; NUMBER OF SEQ ID NOS: 104
      ; SOFTWARE: PatentIn version 3.1
      ; SEQ ID NO 66
      ; LENGTH: 365
      ; TYPE: PRT
      ; ORGANISM: Canis familiaris
      US-09-828-995B-66

```

Query Match	69.0%	Score 1452.5	DB 2	Length 365
Beet Local Similarity	74.7%	Pred. No. 1.4e-140		
Matches	260	Conservative	38	Indels 1; Gaps 1
QY	26	SDTEIKVNPQDFEIVDPGYLGYLQWQPPSLDHFKECTVEYELKRNIGSETWKII	85	
DB	4	SNAEIKVNPQDFEIVDPGYLGYSLQWQPPFPNPFKECTVEYELKRNIDSEWKII	63	
QY	86	TKNLHYKQGFJLNGKIEAKIHTLLPMQCTNGSEVSSMAETTYWISPGQIPETKIQDMDC	145	
DB	64	TKNLHYKQGFJLNGKIEAKINTLLPAQCTNGSEVRSSMAETTYWTSPOGNRETKIQDMDC	123	
QY	146	VYNNQOYLCSMKPPIGVLLDTNNYLFWMYBELDHALQCVDIRKDGONIGRFPYLEAS	205	
DB	124	VYNNQOYLCSMKPPIGVLLDTNNYLFWMYBELDHSACTDVIKXNGKMGGRFPYLESS	183	
QY	206	DYKDFYICVNGSSENKPIRSSYFTFOLQNIWPLPPVYLTFRSSCEIKLWMSIPLGPI	265	
DB	184	DYKDFYICVNGSSEOGPIRPSYFIQLONIWVPMPPDYLSLTWKSSEINLKNMPKXPI	243	
QY	266	PARCFDYELIEIRDDTTLVATAVENETYYLTKTNETROLCFVRSKVINIYCSDDGIWSEW	325	
DB	244	PAKCFYIEIEFTDEGTTWTTVTEVNEIQITRTSNEBOKLFLVRSKVINIYCSDDGIWSEW	303	
QY	326	SKQCEWGEDLSKTIILRFWLPFGFLLIVITVGLLKRKMPYTKMI	373	
DB	304	SBQCEWKG-DIKETLVFELLFPAFASIPVAVITCLLIKORALDKTI	350	

```

RESULT 9
US-09-828-995B-69
; Sequence 69, Application US/09828995B
; Patent No. 6703360
; GENERAL INFORMATION
; APPLICANT: Heska Corporation
; APPLICANT: McCall, Catherine A.
; APPLICANT: Tang, Liang A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13
; FILE REFERENCE: AL-7
; CURRENT APPLICATION NUMBER: US/09/828,995B
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 60/195,874
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,659
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 69
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Canis familiaris
US-09-828-995B-69

```

[illegible]

```

      1  ||:||||:|:|:|
      2  Db          305 SDEQWKG-DIWKET 318
      3
      4  RESULT 10
      5  US-09-828-995B-72
      6  ; Sequence 72, Application US/09828995B
      7  ; Patent No. 6703360
      8  ;
      9  ; GENERAL INFORMATION:
      10 ;
      11 ; APPLICANT: Heska Corporation
      12 ; APPLICANT: McCall, Catherine A.
      13 ; APPLICANT: Tang, Liang A.
      14 ;
      15 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13
      16 ;
      17 ; FILE REFERENCE: AL-7
      18 ;
      19 ; CURRENT APPLICATION NUMBER: US/09/828, 995B
      20 ;
      21 ; CURRENT FILING DATE: 2001-04-09
      22 ;
      23 ; PRIOR APPLICATION NUMBER: 60/195, 874
      24 ;
      25 ; PRIOR FILING DATE: 2000-04-07
      26 ;
      27 ; PRIOR APPLICATION NUMBER: 60/195, 659
      28 ;
      29 ; PRIOR FILING DATE: 2000-04-07
      30 ;
      31 ; NUMBER OF SEQ ID NOS: 104
      32 ;
      33 ; SOFTWARE: PatentIn version 3.1

```

```
SEQ ID NO 72
LENGTH: 561
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-72
```

```
Query Match      66.2%; Score 1392.5; DB 2; Length 561;
Best Local Similarity 78.1%; Pred. No. 3.9e-134;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;
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QY 26 SDTEIKVNPPODFEIVDPGYLGVLQWOPPLSLDHFKECTVEYELKRYNIGSETWKTII 85
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 5 SNAEIKVNPPODFEIVDPGYLGVLQWOPPLFPDNFKECTIEYELKRYNIDSEWKTII 64
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 86 TKNLHYKDGFDLNKIGIAKIHITLLPWQCTNGSEVSSMAETTYWISPGIPIETKVQDMDC 145
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 65 TKNLHYKDGFDLNKIGIAKIHITLLPAQCTNGSEVSSMAETTYWISPGQNETKIQDMDC 124
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 146 VYNNQYLLCSWKPGIGVLLDTNNYLFYWYEGLDHALQCVDIYKADGQNIIGRFPYLEAS 205
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 125 VYNNQYLVCSWKPGMGVHFDNTNYOLFYWYEGLDHSAECTDIYKNGKMGCRFPYLESS 184
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 206 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPLPVYLTFTRESSCEIKLWMSIPLGPI 265
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 185 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPMPPDYLSLTVKNSEBINLKMMPKGPPI 244
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 266 PARCFDYEIEIRDDDTLVATVENEYTLKTTNETRQLCFVRSKVNIIYCSDDGIWSEW 325
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 245 PAKCFIYEIEFTEDGTWTTVENEIOITRTISNESQKLCFLVRSKVNIIYCSDDGIWSEW 304
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 326 SDKQCEGSDLSKKT 340
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 305 SDEQCMKG-DIWKET 318
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
```

```
RESULT 11
US-09-828-995B-81
Sequence 81, Application US/09828995B
Patent No. 6703360
GENERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 81
LENGTH: 561
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-81
```

```
Query Match      66.2%; Score 1392.5; DB 2; Length 561;
Best Local Similarity 78.1%; Pred. No. 3.9e-134;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 26 SDTEIKVNPPODFEIVDPGYLGVLQWOPPLSLDHFKECTVEYELKRYNIGSETWKTII 85
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 5 SNAEIKVNPPODFEIVDPGYLGVLQWOPPLFPDNFKECTIEYELKRYNIDSEWKTII 64
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 86 TKNLHYKDGFDLNKIGIAKIHITLLPWQCTNGSEVSSMAETTYWISPGIPIETKVQDMDC 145
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 65 TKNLHYKDGFDLNKIGIAKIHITLLPAQCTNGSEVSSMAETTYWISPGQNETKIQDMDC 124
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 146 VYNNQYLLCSWKPGIGVLLDTNNYLFYWYEGLDHALQCVDIYKADGQNIIGRFPYLEAS 205
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
```

```
Db 125 VYNNQYLVCSWKPGMGVHFDNTNYOLFYWYEGLDHSAECTDIYKNGKMGCRFPYLESS 184
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 206 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPLPVYLTFTRESSCEIKLWMSIPLGPI 265
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 185 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPMPPDYLSLTVKNSEBINLKMMPKGPPI 244
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 266 PARCFDYEIEIRDDDTLVATVENEYTLKTTNETRQLCFVRSKVNIIYCSDDGIWSEW 325
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 245 PAKCFIYEIEFTEDGTWTTVENEIOITRTISNESQKLCFLVRSKVNIIYCSDDGIWSEW 304
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 326 SDKQCEGSDLSKKT 340
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 305 SDEQCMKG-DIWKET 318
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
```

```
RESULT 12
US-09-828-995B-78
Sequence 78, Application US/09828995B
Patent No. 6703360
GENERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 78
LENGTH: 563
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-78
```

```
Query Match      66.2%; Score 1392.5; DB 2; Length 563;
Best Local Similarity 78.1%; Pred. No. 3.9e-134;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 26 SDTEIKVNPPODFEIVDPGYLGVLQWOPPLSLDHFKECTVEYELKRYNIGSETWKTII 85
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 5 SNAEIKVNPPODFEIVDPGYLGVLQWOPPLFPDNFKECTIEYELKRYNIDSEWKTII 64
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 86 TKNLHYKDGFDLNKIGIAKIHITLLPWQCTNGSEVSSMAETTYWISPGIPIETKVQDMDC 145
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 65 TKNLHYKDGFDLNKIGIAKIHITLLPAQCTNGSEVSSMAETTYWISPGQNETKIQDMDC 124
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 146 VYNNQYLLCSWKPGIGVLLDTNNYLFYWYEGLDHALQCVDIYKADGQNIIGRFPYLEAS 205
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 125 VYNNQYLVCSWKPGMGVHFDNTNYOLFYWYEGLDHSAECTDIYKNGKMGCRFPYLESS 184
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 206 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPLPVYLTFTRESSCEIKLWMSIPLGPI 265
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 185 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPMPPDYLSLTVKNSEBINLKMMPKGPPI 244
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 266 PARCFDYEIEIRDDDTLVATVENEYTLKTTNETRQLCFVRSKVNIIYCSDDGIWSEW 325
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 245 PAKCFIYEIEFTEDGTWTTVENEIOITRTISNESQKLCFLVRSKVNIIYCSDDGIWSEW 304
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 326 SDKQCEGSDLSKKT 340
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 305 SDEQCMKG-DIWKET 318
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 13
US-09-828-995B-75
Sequence 75, Application US/09828995B
Patent No. 6703360
GENERAL INFORMATION:
```

APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 75
LENGTH: 565
TYPE: PRP
ORGANISM: Canis familiaris
US-09-828-995B-75

Query Match 66.2%; Score 1392.5; DB 2; Length 565;
Best Local Similarity 78.1%; Pred. No. 3.9e-134;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 26 SDPEIKVNPQPEIYDPCVLYLQWQPLSLDPKCECTVEYELKYNIGSEMTKII 85
DB 5 SNAEIVNPQDEIYDPCVLYLQWQPLSLDPKCECTVEYELKYNIGSEMTKII 64
QY 86 TKLHYKDGFDLNGKIEAKIHTLLPMQCTNGSEVSSMAETTYWISPOGIPETKVDMD 145
DB 65 TKLHYKDGFDLNGKIEAKIHTLLPMQCTNGSEVSSMAETTYWISPOGIPETKVDMD 124
QY 146 VYNNQVYLCVSKWPGIGVLLDTNNLFWYEGLDHALQCVDIYKADQNGICFPYLEAS 205
DB 125 VYNNQVYLCVSKWPGIGVLLDTNNLFWYEGLDHALQCVDIYKADQNGICFPYLEAS 184
QY 206 DYDPIYICVNGSENKPIRSYFTFQOLNIVKPLPYLYLFTRESCEILKKSILGPI 265
DB 185 DYDPIYICVNGSENKPIRSYFTFQOLNIVKPLPYLYLFTRESCEILKKSILGPI 244
QY 266 PARCFVEIRREDDTLVATVENEYTLKTNETROLCFVVRSKNIVCSDGIWSEW 325
DB 245 PARCFVEIRREDDTLVATVENEYTLKTNETROLCFVVRSKNIVCSDGIWSEW 304
QY 326 SDRQWEGEDLSKKT 340
DB 305 SDRQWEGEDLSKKT 318

RESULT 14
US-08-609-572-2
Sequence 2, Application US/08609572
Patent No. 5710023
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Fitz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,572
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 876-5851
TELEFAX: (617) 498-8224
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-609-572-2

Query Match 56.8%; Score 1194.5; DB 1; Length 383;
Best Local Similarity 58.9%; Pred. No. 4.9e-114;
Matches 219; Conservative 55; Mismatches 91; Indels 7; Gaps 3;

QY 1 MAFVCLAIQCLYTFPISTFGCTSSDTEIKVNPQDEIYDPCVLYLQWQPLSLD 60
DB 1 MAFV-HIRCLFPIICTITGYS---LEIKVNPQDEIYDPCVLYLQWQPLSLD 54
QY 61 HREKTEVEYELKYNIGSEMTKIIITKNLHYKDGFDLNGKIEAKIHTLLPMQCTNGSEVQ 120
DB 55 KFKGCTLEYELKYNIGSEMTKIIITKNLHYKDGFDLNGKIEAKIHTLLPMQCTNGSEVQ 114
QY 121 SSMETTYWISPOGIPETKVDMDCVYNNQVYLCVSKWPGIGVLLDTNNLFWYEGLDH 180
DB 115 SSMETTYWISPOGIPETKVDMDCVYNNQVYLCVSKWPGIGVLLDTNNLFWYEGLDH 174
QY 181 ALQCVDIYKADQNGICFPYLEASDYKDFYICVNGSENKPIRSYFTFQOLNIVKPLP 240
DB 175 ALQCVDIYKADQNGICFPYLEASDYKDFYICVNGSENKPIRSYFTFQOLNIVKPLP 234
QY 241 PYVLTFTRESCEILKKSILGPIPARCFVEIRREDDTLVATVENEYTLKTNB 300
DB 235 PYVLTFTRESCEILKKSILGPIPARCFVEIRREDDTLVATVENEYTLKTNB 294
QY 301 TROLCFVVRSKNIVCSDGIWSEWSDRQWEGEDLSKKTILRFLPFGFILLIVFVVG 360
DB 295 TROLCFVVRSKNIVCSDGIWSEWSDRQWEGEDLSKKTILRFLPFGFILLIVFVVG 353
QY 361 LILRKENTYPKM 372
DB 354 LILRKENTYPKM 365

RESULT 15
US-08-841-751-2
Sequence 2, Application US/08841751
Patent No. 6214559
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Fitz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/841,751
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/609,572
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-841-751-2

Query Match 56.8%; Score 1194.5; DB 2; Length 383;
Best Local Similarity 58.9%; Pred. No. 4,9e-114;
Matches 219; Conservative 55; Mismatches 91; Indels 7; Gaps 3;

QY 1 MAFVCLAIICLYTFITSTFGCTSSSDTEIKVNPQDFEIVDPGYLYLQMOPLSLD 60
DB 1 MAFV--HIRCLFILLCTTGYs---LEIKVNPQDFEILDPLGLGYLYLQMKPPVIE 54
QY 61 HFEKCTVEYELKYRNIGSETWTKITTKNLHYKDGFDLNKGIPAKIHTLLPQCCTNGSEVQ 120
DB 55 KFKGCTLEVELKYRVNVDSDSMKTIITRNLIYKDGFDLNKGIKIRTHLSEHCTNGSEVQ 114
QY 121 SSMATTYWISPGIPEFVQMDQCVYVNMQYLLCSWKPGIGVLDITNNYLFYWYEGLDH 180
DB 115 SPWIASYGISDEGSLFTKIQDKCIYVNMQYLVCSWKPGKTVSDTNTYMFWEGLDH 174
QY 181 ALQCVDYIKADGONIGCRPPYLEASDYKDYICVNGSSENKPIRSSYFTFQLONIWKPLP 240
DB 175 ALQCADYILOHDEKNVGCCKLSNLDSSDYKDFICVNGSSKLPPIRSSYTFQLONIWKPLP 234
QY 241 PYYLTFTRSSCEIKLWKSIPLAGPIPARCFDYEIEIREDDTTLVTATVENETVTLKTINE 300
DB 235 PEFLLHSVENSIDIRMKKSTPGGPPIPPRCYTYEIVIREDDISWESATDKNDMKLKRANE 294
QY 301 TRQLCFVVRSKNITICSDGINSWSDKQCEGEDLSKTLARFWLPGFILLIVIFVVG 360
DB 295 SEDLCFVRCCKNITICADGINSWSEBCEWEGYTGPDskII-FIVPCLFPFIPLLLLC 353
QY 361 LLLRKNTYPKM 372
DB 354 LIVEKEPEPEPTL 365

Search completed: January 27, 2006, 14:48:24
Job time : 23.3851 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 27, 2006, 14:41:39 (Search time 18.6149 Seconds

(without alignments)
1403.470 Million cell updates/sec

Title: US-09-868-123-4_COPY_26_341

Perfect score: 1759

Sequence: 1 SPTETKVNPPQDFEIVDPGY.....WSEMSDKQCEGSDLSKTKTL 316

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

1: /cgn2_6/prodata/1/iaa/5_COMB.pep:.*
2: /cgn2_6/prodata/1/iaa/6_COMB.pep:.*
3: /cgn2_6/prodata/1/iaa/H_COMB.pep:.*
4: /cgn2_6/prodata/1/iaa/PCUS_COMB.pep:.*
5: /cgn2_6/prodata/1/iaa/RE_COMB.pep:.*
6: /cgn2_6/prodata/1/iaa/backfilest1.pep:.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1759	100.0	380	1	US-08-609-572-4 Sequence 4, Appl
2	1759	100.0	380	2	US-08-841-751-4 Sequence 4, Appl
3	1759	100.0	380	2	US-08-846-340-4 Sequence 4, Appl
4	1759	100.0	380	2	US-08-846-344-4 Sequence 4, Appl
5	1759	100.0	380	2	US-09-301-808-4 Sequence 4, Appl
6	1755	99.8	317	2	US-09-825-561A-84 Sequence 84, Appl
7	1396.5	79.4	365	2	US-09-828-995B-66 Sequence 66, Appl
8	1396.5	79.4	386	2	US-09-828-995B-61 Sequence 61, Appl
9	1392.5	79.2	318	2	US-09-828-995B-69 Sequence 69, Appl
10	1392.5	79.2	561	2	US-09-828-995B-72 Sequence 72, Appl
11	1392.5	79.2	561	2	US-09-828-995B-81 Sequence 81, Appl
12	1392.5	79.2	563	2	US-09-828-995B-78 Sequence 78, Appl
13	1392.5	79.2	565	2	US-09-828-995B-75 Sequence 75, Appl
14	1168	66.4	383	1	US-08-609-572-2 Sequence 2, Appl
15	1168	66.4	383	2	US-08-841-751-2 Sequence 2, Appl
16	1168	66.4	383	2	US-08-846-340-2 Sequence 2, Appl
17	1168	66.4	383	2	US-08-846-344-2 Sequence 2, Appl
18	1168	66.4	383	2	US-09-301-808-2 Sequence 2, Appl
19	879.5	50.0	255	2	US-09-828-995B-58 Sequence 58, Appl
20	822	46.7	220	2	US-09-949-016-7266 Sequence 7266, Ap
21	576	32.7	145	2	US-09-828-995B-55 Sequence 55, Appl
22	294.5	16.7	420	1	US-07-757-390-13 Sequence 13, Appl
23	294.5	16.7	420	1	US-08-442-282-13 Sequence 13, Appl
24	294.5	16.7	420	1	US-08-442-281-13 Sequence 13, Appl
25	294.5	16.7	420	1	US-08-939-727-13 Sequence 13, Appl
26	293.5	16.7	396	1	US-07-757-390-14 Sequence 14, Appl
27	293.5	16.7	396	1	US-08-442-282-14 Sequence 14, Appl

28	293.5	16.7	396	1	US-08-442-281-14 Sequence 14, Appl
29	293.5	16.7	396	1	US-08-939-727-14 Sequence 14, Appl
30	293.5	16.7	420	2	US-09-886-319A-24 Sequence 24, Appl
31	293.5	16.7	420	2	US-09-949-016-5958 Sequence 5958, Ap
32	293.5	16.7	427	2	US-09-949-016-8614 Sequence 8614, Ap
33	293.5	16.7	427	2	US-09-949-016-8620 Sequence 8620, Ap
34	293	16.7	313	2	US-08-836-561-106 Sequence 106, App
35	293	16.7	313	2	US-09-434-122-106 Sequence 106, App
36	292	16.6	335	1	US-07-947-130-2 Sequence 2, Appl
37	292	16.6	335	1	US-08-421-822-2 Sequence 2, Appl
38	292	16.6	335	1	US-08-421-823-2 Sequence 2, Appl
39	290	16.5	405	2	US-09-828-995B-50 Sequence 50, Appl
40	287.5	16.3	424	2	US-09-688-286D-2 Sequence 2, Appl
41	284	16.1	322	2	US-09-825-561A-82 Sequence 82, Appl
42	284	16.1	426	2	US-09-688-286D-4 Sequence 4, Appl
43	284	16.1	427	2	US-08-969-125-9 Sequence 9, Appl
44	284	16.1	427	2	US-09-545-002-9 Sequence 9, Appl
45	284	16.1	427	2	US-09-949-016-6094 Sequence 6094, Ap

ALIGNMENTS

RESULT 1
US-08-609-572-4
Sequence 4, Application US/08609572
Patent No. 5710023
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Filiz, Lori
APPLICANT: Nebden, Tamlyn
APPLICANT: Whithers, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,572
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 380 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-609-572-4
Query Match 100.0%, Score 1759; DB 1; Length 380;
Best Local Similarity 100.0%, Pred. No. 1.8e-173; Indels 0; Gaps 0;
Matches 316; Conservative 0; Mismatches 0;
1 SPTETKVNPPQDFEIVDPGYLQWOPPLSDHFKECTWEYELKYNIGSETWKTII 60
|||||

Db 26 SDTEIKVNPDPDEFIVDPBGVLYLYLQWQPLSLDHFKECTVEYELKYRNIGSETWTKTII 85
QY 61 TKNLHYKDGFDLNGIEAKIHITLLPMQCTNGSEVQSSWAETTYWISPGIPETRYQDMDC 120
Db 86 TKNLHYKDGFDLNGIEAKIHITLLPMQCTNGSEVQSSWAETTYWISPGIPETRYQDMDC 145
QY 121 VYVNMQYLLCSWKKGIGVLLDTNLYNLFYWEGLDHALQCDYIRADGONICRPPYLEAS 180
Db 146 VYVNMQYLLCSWKKGIGVLLDTNLYNLFYWEGLDHALQCDYIRADGONICRPPYLEAS 205
QY 181 DYKDFYICVNGSSSEKPIRSSYFTFQONIVKPLPPVYLFTFRSSCEIKLWMSIPLGPI 240
Db 206 DYKDFYICVNGSSSEKPIRSSYFTFQONIVKPLPPVYLFTFRSSCEIKLWMSIPLGPI 265
QY 241 PARCFDYIEIREDDTLLVTATVENETYYTLKTNETROLCFVRSKNVIYCSDDGIMSEW 300
Db 266 PARCFDYIEIREDDTLLVTATVENETYYTLKTNETROLCFVRSKNVIYCSDDGIMSEW 325
QY 301 SDKOCWEGEDLSKCTL 316
Db 326 SDKOCWEGEDLSKCTL 341

RESULT 2

US-08-841-751-4
; Sequence 4, Application US/08841751
; Patent No. 6214559
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Fitz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whiters, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/841,751
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/609,572
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-841-751-4

Query Match 100.0%; Score 1759; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.8e-173;
Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SDTEIKVNPDPDEFIVDPBGVLYLYLQWQPLSLDHFKECTVEYELKYRNIGSETWTKTII 60
Db 26 SDTEIKVNPDPDEFIVDPBGVLYLYLQWQPLSLDHFKECTVEYELKYRNIGSETWTKTII 85
QY 61 TKNLHYKDGFDLNGIEAKIHITLLPMQCTNGSEVQSSWAETTYWISPGIPETRYQDMDC 120
Db 86 TKNLHYKDGFDLNGIEAKIHITLLPMQCTNGSEVQSSWAETTYWISPGIPETRYQDMDC 145
QY 121 VYVNMQYLLCSWKKGIGVLLDTNLYNLFYWEGLDHALQCDYIRADGONICRPPYLEAS 180
Db 146 VYVNMQYLLCSWKKGIGVLLDTNLYNLFYWEGLDHALQCDYIRADGONICRPPYLEAS 205
QY 181 DYKDFYICVNGSSSEKPIRSSYFTFQONIVKPLPPVYLFTFRSSCEIKLWMSIPLGPI 240
Db 206 DYKDFYICVNGSSSEKPIRSSYFTFQONIVKPLPPVYLFTFRSSCEIKLWMSIPLGPI 265
QY 241 PARCFDYIEIREDDTLLVTATVENETYYTLKTNETROLCFVRSKNVIYCSDDGIMSEW 300
Db 266 PARCFDYIEIREDDTLLVTATVENETYYTLKTNETROLCFVRSKNVIYCSDDGIMSEW 325
QY 301 SDKOCWEGEDLSKCTL 316
Db 326 SDKOCWEGEDLSKCTL 341

RESULT 3

US-08-846-340-4
; Sequence 4, Application US/08846340
; Patent No. 6248714
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Fitz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whiters, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/846,340
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/609,572
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-846-340-4

Query Match 100.0%; Score 1759; DB 2; length 380;
 Best Local Similarity 100.0%; Pred. No. 1.8e-173;
 Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SDTEIKVNPPODFEIVDPGYLYLQWOPPLSLDFHEKCEYVEYELKRNIGSETWKTII 60
 DB 26 SDTEIKVNPPODFEIVDPGYLYLQWOPPLSLDFHEKCEYVEYELKRNIGSETWKTII 85
 QY 61 TKNLHYKGFPLDKNGIEAKIHITLLPMQCTNGSEVOSSMAETTYWISPGIPEYKQVDMDC 120
 DB 86 TKNLHYKGFPLDKNGIEAKIHITLLPMQCTNGSEVOSSMAETTYWISPGIPEYKQVDMDC 145
 QY 121 VYNNQYLLCSWKPGIGVILDTNNYLFYWYEGLDHALQCVDIYKADGONIGRPFYLEAS 180
 DB 146 VYNNQYLLCSWKPGIGVILDTNNYLFYWYEGLDHALQCVDIYKADGONIGRPFYLEAS 205
 QY 181 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLMSIPLGPI 240
 DB 206 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLMSIPLGPI 265
 QY 241 PARCFDYIEIREDDTTLVATVENEYTLTKTTNETROLCFVRSKVNICYSDDGIMSEW 300
 DB 266 PARCFDYIEIREDDTTLVATVENEYTLTKTTNETROLCFVRSKVNICYSDDGIMSEW 325
 QY 301 SDKQCEGSDLSKTL 316
 DB 326 SDKQCEGSDLSKTL 341

RESULT 4
 US-08-846-344-4
 ; Sequence 4, Application US/08846344
 ; Patent No. 6268480
 ; GENERAL INFORMATION:

APPLICANT: Collins, Mary
 APPLICANT: Donaldson, Debra
 APPLICANT: Filiz, Lori
 APPLICANT: Neben, Tamlyn
 APPLICANT: Whittiers, Matthew
 APPLICANT: Wood, Clive
 TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 CambridgePark Drive
 CITY: Cambridge
 STATE: MA
 COUNTRY: USA
 ZIP: 02140
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/846,344
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/609,572
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Brown, Scott A.
 REGISTRATION NUMBER: 32,724
 REFERENCE/DOCKET NUMBER: G15268
 TELEPHONE: (617) 498-8224
 TELEFAX: (617) 876-5851
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 380 amino acids
 TYPE: amino acid
 TOPOLOGY: linear

MOLECULE TYPE: protein
 US-08-846-344-4

Query Match 100.0%; Score 1759; DB 2; length 380;
 Best Local Similarity 100.0%; Pred. No. 1.8e-173;
 Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SDTEIKVNPPODFEIVDPGYLYLQWOPPLSLDFHEKCEYVEYELKRNIGSETWKTII 60
 DB 26 SDTEIKVNPPODFEIVDPGYLYLQWOPPLSLDFHEKCEYVEYELKRNIGSETWKTII 85
 QY 61 TKNLHYKGFPLDKNGIEAKIHITLLPMQCTNGSEVOSSMAETTYWISPGIPEYKQVDMDC 120
 DB 86 TKNLHYKGFPLDKNGIEAKIHITLLPMQCTNGSEVOSSMAETTYWISPGIPEYKQVDMDC 145
 QY 121 VYNNQYLLCSWKPGIGVILDTNNYLFYWYEGLDHALQCVDIYKADGONIGRPFYLEAS 180
 DB 146 VYNNQYLLCSWKPGIGVILDTNNYLFYWYEGLDHALQCVDIYKADGONIGRPFYLEAS 205
 QY 181 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLMSIPLGPI 240
 DB 206 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLMSIPLGPI 265
 QY 241 PARCFDYIEIREDDTTLVATVENEYTLTKTTNETROLCFVRSKVNICYSDDGIMSEW 300
 DB 266 PARCFDYIEIREDDTTLVATVENEYTLTKTTNETROLCFVRSKVNICYSDDGIMSEW 325
 QY 301 SDKQCEGSDLSKTL 316
 DB 326 SDKQCEGSDLSKTL 341

RESULT 5

US-09-301-808-4
 ; Sequence 4, Application US/09301808
 ; Patent No. 6664227
 ; GENERAL INFORMATION:

APPLICANT: Wynn, Thomas
 APPLICANT: Chiaromonte, Monica
 APPLICANT: Collins, Mary
 APPLICANT: Donaldson, Debra
 APPLICANT: Filiz, Lori
 APPLICANT: Neben, Tamlyn
 APPLICANT: Whittiers, Matthew
 APPLICANT: Wood, Clive
 TITLE OF INVENTION: TREATMENT OF FIBROSIS BY ANTAGONISM OF IL-13
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 CambridgePark Drive
 CITY: Cambridge
 STATE: MA
 COUNTRY: USA
 ZIP: 02140
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/301,808
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Brown, Scott A.
 REGISTRATION NUMBER: 32,724
 REFERENCE/DOCKET NUMBER: G15268A2
 TELEPHONE: (617) 498-8224
 TELEFAX: (617) 876-5851
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:

LENGTH: 380 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-301-808-4

Query Match 100.0%; Score 1759; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.8e-173;
Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SDTEIKVNPQDFEIVDVGILYLYQWQPLSLDHFECTVEYELKRYNIGSETWKTII 60
DB SDTEIKVNPQDFEIVDVGILYLYQWQPLSLDHFECTVEYELKRYNIGSETWKTII 85
QY 26 SDTEIKVNPQDFEIVDVGILYLYQWQPLSLDHFECTVEYELKRYNIGSETWKTII 85
DB 26 SDTEIKVNPQDFEIVDVGILYLYQWQPLSLDHFECTVEYELKRYNIGSETWKTII 85
QY 61 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSAETTYWISPGIPEYKQVDMDC 120
DB 61 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSAETTYWISPGIPEYKQVDMDC 145
QY 86 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSAETTYWISPGIPEYKQVDMDC 145
DB 86 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSAETTYWISPGIPEYKQVDMDC 145
QY 121 VYNNQYLLCSWKPFGIGVLDLTNNYLFYWYEGLDHALQCVDIYKADGONIGCRFPYLEAS 180
DB 146 VYNNQYLLCSWKPFGIGVLDLTNNYLFYWYEGLDHALQCVDIYKADGONIGCRFPYLEAS 205
QY 181 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLWMSIPLGPI 240
DB 206 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLWMSIPLGPI 265
QY 241 PARCFDYEIEIREDDTTLVTAIVENETYLTKTNETRQLCFVRSKNIYCSDDGIMSEW 300
DB 266 PARCFDYEIEIREDDTTLVTAIVENETYLTKTNETRQLCFVRSKNIYCSDDGIMSEW 325
QY 301 SDKQCEGSDLSKTL 316
DB 326 SDKQCEGSDLSKTL 341

RESULT 6

US-09-825-561A-84
Sequence 84, Application US/09825561A

Patent No. 6777539
GENERAL INFORMATION:
APPLICANT: Sprecher, Cindy A.
APPLICANT: No. 6777539ak, Julia E.
APPLICANT: West, James W.
APPLICANT: Presnell, Scott R.
APPLICANT: Holly, Richard D.
APPLICANT: Nelson, Andrew J.
TITLE OF INVENTION: SOLUBLE ZALPHA11 CYTOKINE RECEPTORS
FILE REFERENCE: 00-22
CURRENT APPLICATION NUMBER: US/09/825,561A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/194,731
PRIOR FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/222,121
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 86
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 84
LENGTH: 317
TYPE: PRT
ORGANISM: Homo sapiens
US-09-825-561A-84

Query Match 99.8%; Score 1755; DB 2; Length 317;
Best Local Similarity 100.0%; Pred. No. 3.5e-173;
Matches 315; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DTEIVNPPQDFEIVDVGILYLYQWQPLSLDHFECTVEYELKRYNIGSETWKTII 61
DB 1 DTEIVNPPQDFEIVDVGILYLYQWQPLSLDHFECTVEYELKRYNIGSETWKTII 60
QY 62 KNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSAETTYWISPGIPEYKQVDMDC 121
DB 61 KNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSAETTYWISPGIPEYKQVDMDC 120

QY 122 VYNNQYLLCSWKPFGIGVLDLTNNYLFYWYEGLDHALQCVDIYKADGONIGCRFPYLEASD 181
DB 121 VYNNQYLLCSWKPFGIGVLDLTNNYLFYWYEGLDHALQCVDIYKADGONIGCRFPYLEASD 180
QY 182 YKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLWMSIPLGPI 241
DB 181 YKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLWMSIPLGPI 240
QY 242 ARCFDYEIEIREDDTTLVTAIVENETYLTKTNETRQLCFVRSKNIYCSDDGIMSEW 301
DB 241 ARCFDYEIEIREDDTTLVTAIVENETYLTKTNETRQLCFVRSKNIYCSDDGIMSEW 300
QY 302 DKQCEGSDLSKTL 316
DB 301 DKQCEGSDLSKTL 315

RESULT 7

US-09-828-995B-66

Sequence 66, Application US/09828995B

Patent No. 6703360

GENERAL INFORMATION:

APPLICANT: Heska Corporation

APPLICANT: McCall, Catherine A.

APPLICANT: Tang, Liang A.

TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R

FILE REFERENCE: AI-7

CURRENT APPLICATION NUMBER: US/09/828,995B

CURRENT FILING DATE: 2001-04-09

PRIOR APPLICATION NUMBER: 60/195,874

PRIOR FILING DATE: 2000-04-07

PRIOR APPLICATION NUMBER: 60/195,659

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 104

SOFTWARE: PatentIn version 3.1

SEQ ID NO 66

LENGTH: 365

TYPE: PRT

ORGANISM: Canis familiaris

US-09-828-995B-66

Query Match 79.4%; Score 1396.5; DB 2; Length 365;
Best Local Similarity 78.2%; Pred. No. 5.8e-136;
Matches 247; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 1 SDTEIKVNPQDFEIVDVGILYLYQWQPLSLDHFECTVEYELKRYNIGSETWKTII 60
DB 4 SNAEIKVNPQDFEIVDVGILYLYQWQPLFPNFECEIEYELKRYNIGSETWKTII 63
QY 61 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSAETTYWISPGIPEYKQVDMDC 120
DB 64 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSAETTYWISPGIPEYKQVDMDC 123
QY 121 VYNNQYLLCSWKPFGIGVLDLTNNYLFYWYEGLDHALQCVDIYKADGONIGCRFPYLEAS 180
DB 124 VYNNQYLLCSWKPFGIGVLDLTNNYLFYWYEGLDHALQCVDIYKADGONIGCRFPYLEAS 183
QY 181 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLWMSIPLGPI 240
DB 184 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRSSCEIKLWMSIPLGPI 243
QY 241 PARCFDYEIEIREDDTTLVTAIVENETYLTKTNETRQLCFVRSKNIYCSDDGIMSEW 300
DB 244 PARCFDYEIEIREDDTTLVTAIVENETYLTKTNETRQLCFVRSKNIYCSDDGIMSEW 303
QY 301 SDKQCEGSDLSKTL 316
DB 304 SDKQCEGSDLSKTL 318

RESULT 8

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Db 185 DYKDFYICVNGSSSQPIRSPYFIQLONIYKMPMPDYLSTLVKNSSEINIKMMPKGP1 244
QY 241 PARCFDYEIEIRDDTLVATVENEYTLTKTNETROLCPVNSKNIYCSDDG15EW 300
Db 245 PAKCFIYEIEFTEDGTWTTVTVEENIQITRTSNESQKLCPLVSKNIYCSDDG15EW 304
QY 301 SDKOCWEGEDLSKKT 315
Db 305 SDEQCKMG-DIWKET 318

RESULT 11

US-09-828-995B-81
Sequence 81, Application US/09828995B
Patent No. 6703360

GENERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.

TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 81
LENGTH: 561
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-81

Query Match 79.2%; Score 1392.5; DB 2; Length 561;
Best Local Similarity 78.1%; Pred. No. 2.9e-135;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 1 SDEIKVNPDPDFEIVDPGYLYLQWOPPLSLDHFKECTVEYELKRYNIGSETWKTII 60
Db 5 SNAETKVNPPDPFIVDPGYLYSLQWQPLFPDNFKECTIEYELKRYNIDSEWKTII 64
QY 61 TKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVSSWAETTYMISPGIETKYQDMDC 120
Db 65 TKNLHYKDGFDLNGIEAKIHTLLPAOCTNGSEVSSWAETTYMISPGIETKYQDMDC 124
QY 121 VYVNMQYLLCSWKPGIGVLLDTNNYLFYWEGLDHALQCVDIYKADGONIGCRFFYLEAS 180
Db 125 VYVNMQYLLCSWKPGIGVLLDTNNYLFYWEGLDHALQCVDIYKADGONIGCRFFYLEAS 184
QY 181 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKMPMPDYLSTLVKNSSEINIKMMPKGP1 240
Db 185 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKMPMPDYLSTLVKNSSEINIKMMPKGP1 244
QY 241 PARCFDYEIEIRDDTLVATVENEYTLTKTNETROLCPVNSKNIYCSDDG15EW 300
Db 245 PAKCFIYEIEFTEDGTWTTVTVEENIQITRTSNESQKLCPLVSKNIYCSDDG15EW 304
QY 301 SDKOCWEGEDLSKKT 315
Db 305 SDEQCKMG-DIWKET 318

RESULT 12

US-09-828-995B-78
Sequence 78, Application US/09828995B
Patent No. 6703360

GENERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.

TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R

FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 78
LENGTH: 563
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-78

Query Match 79.2%; Score 1392.5; DB 2; Length 563;
Best Local Similarity 78.1%; Pred. No. 2.9e-135;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 1 SDEIKVNPDPDFEIVDPGYLYLQWOPPLSLDHFKECTVEYELKRYNIGSETWKTII 60
Db 5 SNAETKVNPPDPFIVDPGYLYSLQWQPLFPDNFKECTIEYELKRYNIDSEWKTII 64
QY 61 TKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVSSWAETTYMISPGIETKYQDMDC 120
Db 65 TKNLHYKDGFDLNGIEAKIHTLLPAOCTNGSEVSSWAETTYMISPGIETKYQDMDC 124
QY 121 VYVNMQYLLCSWKPGIGVLLDTNNYLFYWEGLDHALQCVDIYKADGONIGCRFFYLEAS 180
Db 125 VYVNMQYLLCSWKPGIGVLLDTNNYLFYWEGLDHALQCVDIYKADGONIGCRFFYLEAS 184
QY 181 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKMPMPDYLSTLVKNSSEINIKMMPKGP1 240
Db 185 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKMPMPDYLSTLVKNSSEINIKMMPKGP1 244
QY 241 PARCFDYEIEIRDDTLVATVENEYTLTKTNETROLCPVNSKNIYCSDDG15EW 300
Db 245 PAKCFIYEIEFTEDGTWTTVTVEENIQITRTSNESQKLCPLVSKNIYCSDDG15EW 304
QY 301 SDKOCWEGEDLSKKT 315
Db 305 SDEQCKMG-DIWKET 318

RESULT 13

US-09-828-995B-75
Sequence 75, Application US/09828995B
Patent No. 6703360

GENERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.

TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 75
LENGTH: 565
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-75

Query Match 79.2%; Score 1392.5; DB 2; Length 565;
Best Local Similarity 78.1%; Pred. No. 2.9e-135;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 1 SDEIKVNPDPDFEIVDPGYLYLQWOPPLSLDHFKECTVEYELKRYNIGSETWKTII 60

Db 5 SNAETKVPDPDFEIVDPGLYLSIQWQPLFPDNFKECTIEYELKTNINSENMKTI 64
Qy 61 TKNLHYKQFDPDLNKGIEAKIHTLLPWQCTNGSEVSSMAETTYWISPGIPEYVQDDMC 120
Db 65 TKNLHYKQFDPDLNKGIEAKIHTLLPWQCTNGSEVSSMAETTYWISPGIPEYVQDDMC 124
Qy 121 VYVYNOYLLCSWKPGIGVLDLTNNLFPWYEGDLHALQCVYIKADGONICRFPYLEAS 180
Db 125 VYVYNOYLLCSWKPGIGVLDLTNNLFPWYEGDLHALQCVYIKADGONICRFPYLEAS 184
Qy 181 DYKDFPFCVNGSSENNPISRYFTFQLONIIVKPLPPVYLTFTRSSCEIKLWMSIPLGPI 240
Db 185 DYKDFPFCVNGSSENNPISRYFTFQLONIIVKPLPPVYLTFTRSSCEIKLWMSIPLGPI 244
Qy 241 PARCFYEIEIRDDTLVTATVENEYTLKTNETROLCFVVRSKVNIYCSDDGIWSEW 300
Db 245 PAKCFIYEIEFTEDGTWTTTVEENIQITRISNESQKLCFLVRSKVNIYCSDDGIWSEW 304
Qy 301 SDRQCEGDSKKT 315
Db 305 SDRQCEGDSKKT 318

RESULT 14
US-08-609-572-2
Sequence 2, Application US/08609572
Patent No. 5710023
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Fletz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
City: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,572
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-609-572-2

Query Match 66.4%; Score 1168; DB 1; Length 383;
Best Local Similarity 66.6%; Pred. No. 2.8e-112;
Matches 203; Conservative 44; Mismatches 58; Indels 0; Gaps 0;
Qy 4 EIKVNPDPDFEIVDPGLYLSIQWQPLFPDNFKECTIEYELKTNINSENMKTI 63

Db 23 EIKVNPDPDFEIVDPGLYLSIQWQPLFPDNFKECTIEYELKTNINSENMKTI 82
Qy 64 LHYKQFDPDLNKGIEAKIHTLLPWQCTNGSEVSSMAETTYWISPGIPEYVQDDMCVY 123
Db 83 LHYKQFDPDLNKGIEAKIHTLLPWQCTNGSEVSSMAETTYWISPGIPEYVQDDMCVY 142
Qy 124 NMQYLVCSWKPGIGVLDLTNNLFPWYEGDLHALQCVYIKADGONICRFPYLEASDYK 183
Db 143 NMQYLVCSWKPGIGVLDLTNNLFPWYEGDLHALQCVYIKADGONICRFPYLEASDYK 202
Qy 184 DFYICVNGSSENNPISRYFTFQLONIIVKPLPPVYLTFTRSSCEIKLWMSIPLGPI 243
Db 203 DFYICVNGSSENNPISRYFTFQLONIIVKPLPPVYLTFTRSSCEIKLWMSIPLGPI 262
Qy 244 CDFYEIEIRDDTLVTATVENEYTLKTNETROLCFVVRSKVNIYCSDDGIWSEW 303
Db 263 CDFYEIEIRDDTLVTATVENEYTLKTNETROLCFVVRSKVNIYCSDDGIWSEW 322
Qy 304 QCEWG 308
Db 323 BCWEG 327

RESULT 15
US-08-841-751-2
Sequence 2, Application US/08841751
Patent No. 6214559
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Fletz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
City: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/841,751
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/609,572
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-841-751-2

Query Match 66.4%; Score 1168; DB 2; Length 383;
Best Local Similarity 66.6%; Pred. No. 2.8e-112;

Matches 203; Conservative 44; Mismatches 58; Indels 0; Gaps 0;

Qy	4	EIKNPPDDFEIVDGGVGYLYLQMPRLSHHEKCEATVEYELKYNIGSETKRTIITKN	63
Dd	23	EIKNPPDDFEIHDGGLGYLYLQMKPRLVIEFKCCTIEYELKYNVSDSKITIITRN	82
Qy	64	LHYKDGFLNKGIEAKIRHTLRLPWQCTNGBSEVSSNAETTYWISPGIPEKRVDDMCVY	123
Dd	83	LIYKDGFLNKGIEKIRHTLRLHECHTNGSEVSPMLTBAVYGSDESSLEFKTIQDMCTIY	142
Qy	124	NMQYLLCSMKPGIYGVLDTNTNVLFWYEEGLDHALQCVDIYIKADGQNIIGCRFLPYLBAADYK	183
Dd	143	NMQYLVCSMKPGKTYYSDTNTYMFWEYEGDLHALQCADYLIQHEKQVGCGLSNLSDSDYK	202
Qy	184	DFYICVNGSSSEMKPIRSSYFTFQLOQNIYVPLPRLVYLTFRRESSCEIKLKNISILPGIIPAR	243
Dd	203	DFEICVNSSSKLEPIRSSYTFVQLONIYVPLPRLPEFLHISIVENSIDIRMKSTGGGPIPPR	262
Qy	244	CFDEYIEIREDDTTLVTATAVENETLYLKTNTNFRQLCFVVRASKYNIYCSDDGIWSEMSDK	303
Dd	263	CYTYEIVIREDDIISWESATKDDKMDKLKRANESEDLCFVRCVKNINYCADDGIMSEWSEE	322
Qy	304	QCMWG 308	
Dd	323	ECWEG 327	

Search completed: January 27, 2006, 14:48:25
Job time : 19.6149 secs